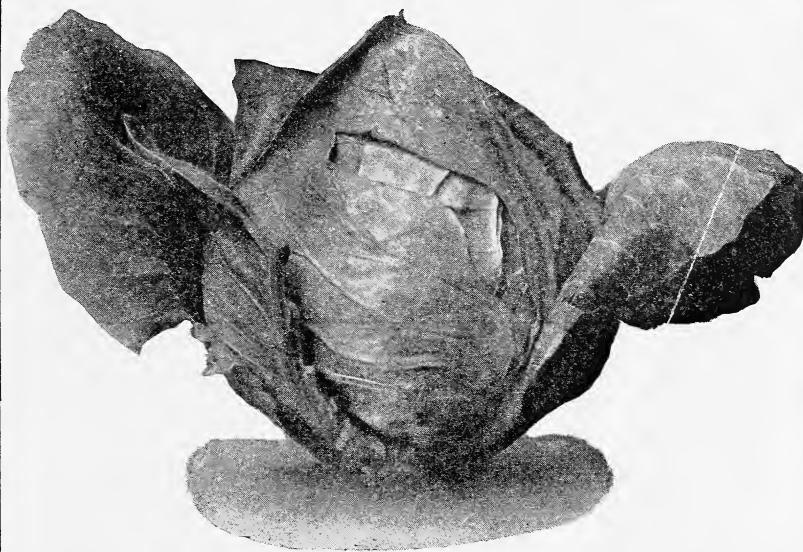


Historic, archived document

Do not assume content reflects current scientific knowledge, policies, or practices.

62.91

THE
TILLINGHAST
SEED COMPANY
LA CONNER, WASHINGTON



OUR 38th ANNUAL CATALOG
1923

Quantity of Seed Required

| | Quantity Per Acre | | Quantity Per Acre |
|--|---------------------------------------|------------------------------|--|
| Alfalfa..... | 10 to 20 lbs. | Kohl Rabi..... | 1 oz. to 150 ft. of drill, 2 lbs. |
| Alsike..... | 8 to 10 lbs. | Leek..... | 1 oz. to 300 ft. of drill, 4 lbs. |
| Asparagus..... | 1 oz. to 500 plants, 1 lb. | Lettuce..... | 1 oz. to 400 ft. of drill, 3 lbs. |
| Barley..... | 100 lbs. | Melon, Musk..... | 1 oz. to 60 hills, 2 to 3 lbs. |
| Beans, dwarf, 1 lb. to 100 ft. of drill, 50 lbs. | | Melon, Water..... | 1 oz. to 30 hills, 3 to 4 lbs. |
| Beans, pole..... | 1 lb. to 150 hills, 25 lbs. | Nasturtium..... | 1 oz. to 50 ft. of drill, 15 lbs. |
| Beets, garden.... | 1 oz. to 50 ft. of drill, 5 lbs. | Oats..... | 75 to 100 lbs. |
| Beets, sugar or mangel..... | 5 lbs. | Onion..... | 1 oz. to 300 ft. of drill, 4 to 5 lbs. |
| Broccoli..... | 1 oz. to 2000 plants, 4 oz. | Onion Sets..... | 1 lb. to 40 ft. of drill, 400 lbs. |
| Brussels Sprouts.... | 1 oz. to 2000 plants, 4 oz. | Parsley..... | 1 oz. to 300 ft. of drill, 3 lbs. |
| Cabbage..... | 1 oz. to 2000 plants, 3 oz. | Parsnip..... | 1 oz. to 400 ft. of drill, 3 lbs. |
| Carrot..... | 1 oz. to 125 ft. of drill, 3 lbs. | Peas, garden.... | 1 lb. to 50 ft. of drill, 200 lbs. |
| Cauliflower..... | 1 oz. to 3000 plants, 4 oz. | Peas, field..... | 90 to 150 lbs. |
| Celery..... | 1 oz. to 5000 plants, 4 oz. | Pepper..... | 1 oz. to 1500 plants |
| Chicory..... | 1 oz. to 100 ft. of drill, 4 lbs. | Pumpkin..... | 1 oz. to 30 hills, 3 to 4 lbs. |
| Clover, white, alsike..... | 6 to 10 lbs. | Radish..... | 1 oz. to 100 ft. of drill, 10 lbs. |
| Clover, red..... | 8 to 15 lbs. | Rape, Dwarf Essex..... | 3 to 5 lbs. |
| Corn, sweet..... | 12 to 20 lbs. | Rutabaga..... | 1 oz. to 150 ft. of drill, 2 to 3 lbs. |
| Corn, field..... | 12 to 20 lbs. | Rye..... | 90 to 120 lbs. |
| Cress..... | 1 oz. to 150 ft. of drill, 12 lbs. | Salsify..... | 1 oz. to 50 ft. of drill, 8 lbs. |
| Cucumber..... | 1 oz to 100 hills, 2 to 3 lbs. | Spinach..... | 1 oz. to 200 ft. of drill, 8 lbs. |
| Endive..... | 1 oz. to 400 ft. of drill, 4 lbs. | Squash, bush..... | 1 oz. to 25 hills, 3 lbs. |
| Flax..... | for seed, 30 lbs.; for fiber, 50 lbs. | Squash, vine..... | 1 oz. to 12 hills, 2 lbs. |
| Grass, lawn, mixed, 1 lb. to 300 sq. ft., 145 lbs. | | Sunflower..... | 8 lbs. |
| Grass, Kentucky Blue..... | 20 lbs. | Tobacco..... | 1 oz. to 5000 plants, 3 oz. |
| Grass, Orchard..... | 40 to 45 lbs. | Tomato..... | 1 oz. to 2000 plants, 4 oz. |
| Grass, Timothy..... | 12 to 20 lbs. | Turnip..... | 1 oz. to 150 ft. of drill, 2 lbs. |
| Grass, Red Top, in chaff..... | 30 to 40 lbs. | Vetch, common or spring..... | 60 to 90 lbs. |
| Grass, Red Top, solid seed..... | 10 to 12 lbs. | Wheat..... | 90 to 120 lbs. |
| Grass, Rye Grass, English and Italian.... | | | |
| | 40 to 50 lbs. | | |
| Kale..... | 1 oz. to 200 ft. of drill, 1 lb. | | |

Usual Distances for Planting

Asparagus, 3 to 4 by 2 feet.
 Beans, bush, drills 2 to 3 feet apart.
 Beans, pole, 3 to 4 feet each way.
 Beets, early, drills 12 to 18 inches apart.
 Beets, late, drills 2 to 3 feet apart.
 Cabbage, early, 16 by 30 inches.
 Cabbage, late, 24 by 30 inches.
 Carrots, drills 1 to 2 feet apart.
 Cauliflower, 2 by 2 to 2 by 3 feet.
 Celery, rows 3 to 4 feet, 6 inches in row.
 Corn, sweet, 3 to 3½ feet by 9 to 24 in.
 Corn, field, 3½ to 4 feet each way.
 Cucumber, 4 to 5 feet each way.
 Lettuce, drills 18 inches apart.
 Melons, Musk, 5 to 6 feet each way.

Melon, Water, 7 to 8 feet each way.
 Onions, drills 14 to 20 inches apart.
 Parsnips, drills 18 to 36 inches apart.
 Peas, drills 2 to 3 feet apart.
 Peppers, 15 to 18 inches by 2 to 2½ feet.
 Potatoes, 12 to 18 inches by 2½ to 3 feet.
 Pumpkins, 8 to 10 feet each way.
 Radish, drills 10 to 18 inches apart.
 Rhubarb, 2 to 4 feet by 4 feet.
 Salsify, drills 18 to 24 inches apart.
 Spinach, drills 12 to 18 inches apart.
 Squash, bush, 3 to 4 feet by 4 feet.
 Squash, running, 12 feet each way.
 Tomato, 4 feet by 4 to 5 feet.

How to Get Our Seeds

We do not send our seeds C. O. D., nor on Commission, and they are not to be found for sale at the stores. We prefer to deal directly with our customers.

WE SEND ORDERS POSTPAID BY MAIL at prices named in this list, and GUARANTEE SAFE ARRIVAL to your address. The U. S. MAIL places our seed store at YOUR DOOR, and we make it very easy for you to get GOOD, FRESH SEEDS to plant. Look over this catalog carefully and mark with a pencil all that you want. Then make out on the order sheet, or any other paper, a list of all the kinds and quantities that you have selected. BE SURE TO WRITE YOUR NAME AND ADDRESS plainly, enclosing the amount, and we will fill your orders PROMPTLY, BY RETURN MAIL, and PAY THE POSTAGE OURSELVES.

HOW TO SEND MONEY: If the amount is fifty cents or more, send by POST OFFICE MONEY ORDER, drawn on La Conner, Wash., P. O. (in applying for which you can fill out at home, for the postmaster, the government blank application, which we send you with the order sheet), and we recommend this as the best way to send money. But if you are not convenient to money order office, you may send Express Money Order, Bank Check, or by Registered Letter. If the amount is less than FIFTY CENTS, you may send Coin, securely sealed and plainly addressed. Be sure that all Orders and Checks are drawn to the order of the Tillinghast Seed Co., La Conner, Wash., and that all coin should be wrapped with a small piece of cloth or strong paper, or otherwise secured from shaking around loose in the letter.

DO NOT DELAY, BUT MAKE OUT YOUR ORDER NOW, while you think of it, and have the seeds on hand when the planting time comes, and have the best garden you ever had. WE PAY THE POSTAGE on vegetable and flower seeds.

CHANGE OF PRICES—Owing to the fluctuations of prices of grasses, clover, timothy, field peas, field corn, rye, etc., we would be pleased if you would state when ordering just what you wish us to do in case the price has changed. Do you wish your moneys' worth if the price has been lowered, or extra money returned?

POSTAGE IN 6th, 7th and 8th ZONES—Owing to the fact that the postage on seed in the 6th, 7th and 8th zones is so much greater than the nearby territory, all customers in Alaska, Canada, and all the states lying south and east of the following states, Washington, Oregon, Idaho, California and Montana, must add 7 cents extra to your order for each pound that your order will weigh. Otherwise we will be forced to send only your money's worth or to hold your order until the necessary postage is received.

PARCEL POST ORDERS—We wish to call the attention of our customers to present parcel post rules which permit us to send up to 70 pounds in a single parcel in the 1st and 2nd zones. Likewise 50 pounds may be sent in the 3rd to 8th zones. Thus, grass, clover, vetch or other seed ordered in quantities can be delivered to you by parcel post at about 1c per pound postage anywhere in the 1st or 2nd zones. This will be found to be of especial value wherever freight service is slow or uncertain in delivery.

NOTE—We use every precaution in procuring fresh, pure and reliable seeds, etc., but we, in common with other responsible seed houses, sell our goods subject to the following disclaimer, it being that adopted by the American Seed Trade Association, i. e.: We give no warranty, express or implied, as to description, quality, productiveness or any other matter of any seeds, bulbs, roots or plants sent out, and will not be in any way responsible for the crop. If the producer does not accept the goods on these terms they are to be returned at once.—Tillinghast Seed Company.

FLOWER SPECIALS

Mikado Asters

This new type of aster is a great favorite with aster growers, either for market or for the home flower garden. The petals are long, narrow and gracefully reflexed.

The plants have vigorous branching habits and bear immense chrysanthemum-like bloom at the end of each branch.

Mikado, Pink Rochester, pkt., 10c.

Mikado, rose, pkt., 10c.

Mikado, dark violet, pkt., 10c.

Mikado, white, pkt., 10c.

Mikado, crimson, pkt., 10c.

Mikado, mixed colors, pkt., 10c.

Collections — Any three of the above for 25c, or the whole collection for 50c.

Crego's Giant Comet Asters

This new Mammoth Aster has won a place in the past. Many of our customers have proven that with just ordinary garden care asters of the rarest beauty may be had in their gardens. Crego's asters have large flowers with beautiful twisted petals and long stems; good for cutting and a delight in the garden. We offer this only in packets of mixed colors. Price per packet, 10c.

Tillinghast "Regal" Pansy Seed

This is a special mixture of pansy seed containing seed from most of the best known strains of American grown pansies. In making this mixture we have selected only such strains as have already proven their superior qualities. We have spared no expense in making this truly a "Regal" mixture. Price per packet, 25c.

A leaflet on pansy and aster culture will be mailed free with all orders for Regal Pansy Seed, Rochester, Mikado or Crego Aster Seed on request.



Gladioli

Gladiola Bulbs

FOR SPRING PLANTING

Most bulbs should be planted in the fall, but these can be put out while you are making your garden in the spring. They thrive and bloom with the least care and attention, and at a time when other flowers are scarce, making a display which, for brilliancy and beauty of coloring, few bulbs can equal and none surpass.

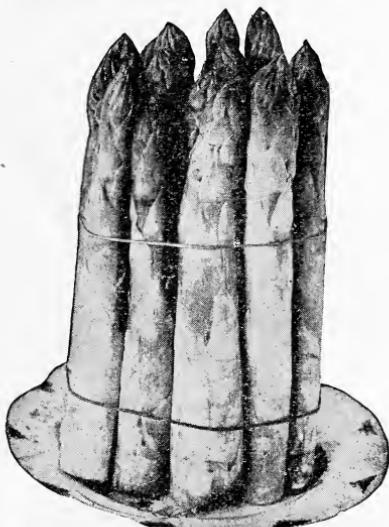
| | | | |
|-------------------------------------|-----|------------|--------|
| America, soft pink, each | 10c | | 60c |
| Barn Hunt, deep indigo blue, each | 15c | dozen..... | \$1.10 |
| Empress of India, dark maroon, each | 10c | dozen..... | 90c |
| Lily White, a new pure white, each | 10c | dozen..... | 75c |
| Schwaben, clear yellow, each | 10c | dozen..... | 80c |
| War, blood red, each | 10c | dozen..... | 90c |
| Mixed, all colors, each | 10c | dozen..... | 50c |

One-half dozen of any of the above at dozen prices.

Descriptive Seed List for 1923

SEEDS SENT POSTPAID BY MAIL, except when otherwise noted. When sent by Freight or Express, or delivered at our Seed Store, the rate per pound will be 5 cents less than the Mail Price quoted on SINGLE POUNDS ONLY.

ALL SEEDS CAREFULLY TESTED, so we know they will grow. Safe arrival guaranteed. All orders promptly filled.



Conover's Colossal

ASPARAGUS

CONOVER'S COLOSSAL. The standard variety. More used than any other. Large green shoots of fine quality. Best kind for family use. Pkg., 5c; oz., 15c; $\frac{1}{4}$ lb., 35c; 1 lb., \$1.00.

PALMETTO. This is one of the old standard varieties and is a great favorite with many gardeners. It is mammoth in size and of a light green color. The shoots are very uniform in size and almost entirely free from rust. Pkg., 5c; oz., 15c; $\frac{1}{4}$ lb., 35c; 1 lb., \$1.00.

ASPARAGUS ROOTS

By Mail Postpaid

PALMETTO. 2-year-old roots. Per doz., 40c; \$1.25 per 50; \$2.00 per 100.

To make a good asparagus bed, the ground should be trenched two feet deep and highly manured. Set plants in rows three feet apart and one foot apart in the row. Once planted it will last a lifetime.

WAX-POD BUSH BEANS

CULTURE — Do not plant any kind of beans until the ground is dry and warm. Bush beans may be planted 2 inches deep in drills from 24 to 30 inches apart, depending on the variety and the richness of the soil. The seed should be placed about 3 inches apart in the row. When the planting is done in hills they should be about 24 inches apart each way. Cultivation should be frequent until the plants begin to bloom.

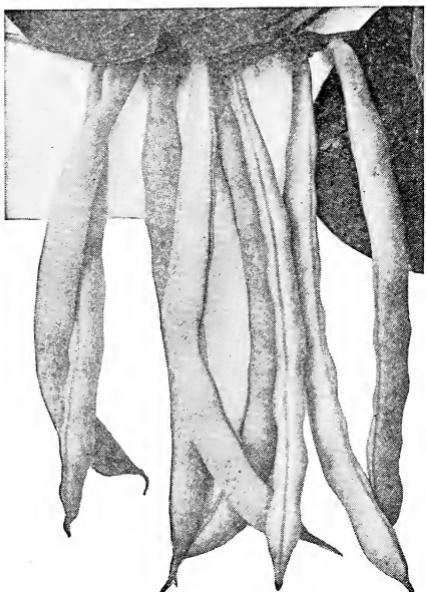
PENCIL POD BLACK WAX. One of the finest strains of wax beans known. It is very early, enormously productive and of the very best quality. It has long, slender, handsome pods, that cook so tender they melt in the mouth, and are the most delicious bean we have ever found. Lb., 35c; $\frac{1}{2}$ lb., 20c; $\frac{1}{4}$ lb., 15c; pkg., 10c.

IMPROVED GOLDEN WAX. An improvement of the Golden Wax, which has been so popular for years past. Possesses all the good qualities and is larger in pod and more prolific. Lb., 35c; $\frac{1}{2}$ lb., 20c; $\frac{1}{4}$ lb., 15c; pkg., 10c.



Pencil Pod Black Wax

BEANS—Continued



Davis White Wax

DAVIS WHITE WAX. A popular white seeded wax variety. Handsome, hardy, and when young, crisp and tender; the dried bean, kidney-shaped and good for cooking. Lb., 35c; $\frac{1}{2}$ lb., 20c; $\frac{1}{4}$ lb., 15c; pkg., 10c.

GOLDEN EYED WAX. One of the best. Its pods or leaves never rust or spot like some others, and it is blight proof. Entirely stringless; flesh tender and of excellent quality and flavor. Lb., 35c; $\frac{1}{2}$ lb., 20c; $\frac{1}{4}$ lb., 15c; pkg., 10c.

CHALLENGE DWARF BLACK WAX. This is the earliest of all the wax beans. It is ready for use a week before any other kind we have tried, and it is of the best quality for snap beans, but not so productive as the other kinds. Plant a few of these for earlier use and some of the following for a succession. Lb., 35c; $\frac{1}{2}$ lb., 20c; $\frac{1}{4}$ lb., 15c; pkg., 10c.

EXTRA EARLY REFUGEE. A very early, green-podded variety, with medium-sized, green, fleshy pods; seed drab, freely spotted with dark purple. Lb., 35c; $\frac{1}{2}$ lb., 20c; $\frac{1}{4}$ lb., 15c; pkg., 10c.

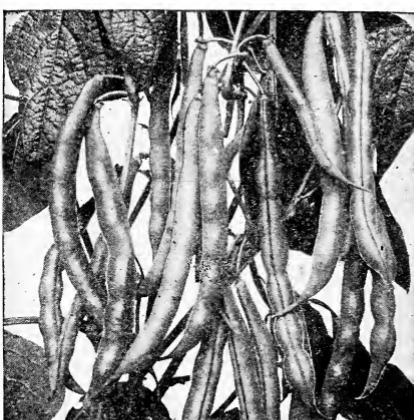
GREEN-PODDED BUSH BEANS

NEW STRINGLESS GREEN POD.

Long, round, green pods, absolutely stringless; tender, brittle and of finest flavor. While more hardy to withstand frosts, yet it is as tender to cook as any wax pod bean. Early and productive. Lb., 35c; $\frac{1}{2}$ lb., 20c; $\frac{1}{4}$ lb., 15c; pkg., 10c.

HENDERSON'S BOUNTIFUL. A new green pod bush bean. Vigorous vines, very prolific, and very early. Large, flat, green pods, entirely free from strings or tough lining, that snap brittle, cook tender, and are of delicious flavor. We have tried it for several years and have found it to be most excellent in every respect. Price, lb., 35c; $\frac{1}{2}$ lb., 20c; $\frac{1}{4}$ lb., 15c; pkg., 10c.

DWARF HORTICULTURAL or "Cranberry Bean." This well known bean is very sturdy and prolific. The beans which are speckled, bright red on a yellowish ground, are quite large and uniform and are very fine either for eating as green shell beans or as dried beans for winter use. There are few beans which will surpass the Dwarf Horticultural, either in quantity or sureness of yield. Lb., 35c; $\frac{1}{2}$ lb., 20c; $\frac{1}{4}$ lb., 15c; pkg., 10c.



New Stringless Green Pod

ORDER SHEET FOR SEEDS

THE TILLINGHAST SEED COMPANY

LA CONNER, WASHINGTON

*Enclosed find \$..... in..... for which please forward
me by the following articles — address:*

Be sure to sign name here.....

Post Office..... R. F. D. No.....

County..... State.....

My nearest Express Office is at..... Date..... 192.....

INSTRUCTIONS — Be sure to write your name and P. O. address. Remit by Bank Draft or Check, or by Registered Letter or Money Order on La Conner Post Office. Fifty cents coin, or less, may be sent in ordinary letter without registering.

| QUANTITY | NAMES OF ARTICLES WANTED | \$ | Cts. |
|----------|--------------------------|----|------|
|----------|--------------------------|----|------|

BEANS—Continued

Pole or Running

OLD HOMESTEAD. This grand pole bean continues to be a great favorite. It is perfectly suited to this climate. Medium early, and enormously productive. Very large, long pods that cook tender and melting, and when once matured the green shelled beans are excellent. Lb., 35c; $\frac{1}{2}$ lb., 20c; $\frac{1}{4}$ lb., 15c; pkg., 10c.

DUTCH CASE KNIFE. A little later. Has large, green, flat pods; good for "snap" or shelled green. The large Lima beans are too late for our climate, and the Dutch Case Knife is the nearest approach to them of any here. Lb., 35c; $\frac{1}{2}$ lb., 20c; $\frac{1}{4}$ lb., 15c; pkg., 10c.

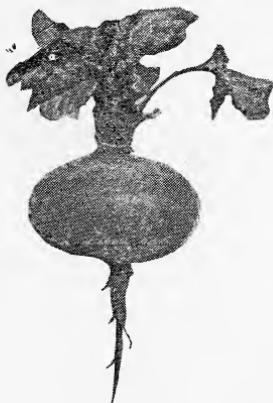
KENTUCKY WONDER WAX. An excellent variety and one of the very best pole beans. The pods are long, very thick, meaty, deeply saddle-backed, entirely stringless and bright yellow in color. The vine is thrifty and very prolific. Seed deep brown. Lb., 35c; $\frac{1}{2}$ lb., 20c; $\frac{1}{4}$ lb., 15c; pkg., 10c.

LAZY WIFE. Pods are from four to five inches in length, produced in large clusters in great abundance. Dark green, thick, fleshy and stringless; of unusually rich flavor. Dry beans, pure white; excellent for winter use. Lb., 35c; $\frac{1}{2}$ lb., 20c; $\frac{1}{4}$ lb., 15c; pkg., 10c.

BEETS For Table Use

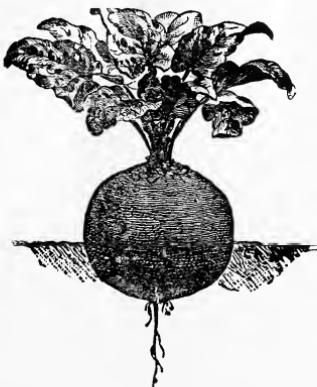
DETROIT DARK RED. One of the best of the table beets. The flesh deep vermillion red zoned with stripes of lighter red. The shape is globular and quite uniform in shape. This beet is used by many for canning purposes. Lb., \$1.00; $\frac{1}{2}$ lb., 60c; $\frac{1}{4}$ lb., 35c; oz., 10c; pkg., 5c.

LONG SMOOTH BLOOD. The best late winter beet; smooth and tender, small round diameter, but very long shape; keeps well. Lb., \$1.00; $\frac{1}{2}$ lb., 60c; $\frac{1}{4}$ lb., 35c; oz., 10c; pkg., 5c.



EARLY EGYPTIAN. Best early table beet. Turnip-shaped and smooth. Deep blood color. Fine quality and earliest of all. Lb., \$1.00; $\frac{1}{2}$ lb., 60c; $\frac{1}{4}$ lb., 35c; oz., 10c; pkg., 5c.

EDMONDS BLOOD TURNIP. A handsome, clean-shaped blood beet, not too large or coarse, but of good size. Crisp, tender, sweet and an excellent keeper. Small tops and roots. Matures early. Lb., \$1.00; $\frac{1}{2}$ lb., 60c; $\frac{1}{4}$ lb., 35c; oz., 10c; pkg., 5c.



ECLIPSE. Later, but gets larger than the Egyptian. Globular in shape, small top, quality fine, but not as deep red color as the Egyptian. Lb., \$1.00; $\frac{1}{2}$ lb., 60c; $\frac{1}{4}$ lb., 35c; oz., 10c; pkg., 5c.

BEETS—Continued

SWISS CHARD

SWISS CHARD OR SPINACH BEET. A variety of beet grown exclusively for its large, juicy, tender, light colored leaves and leaf stalks, which are much superior to those of other beets for use as greens. Swiss Chard is also greatly relished by chickens. Poultrymen will find this a valuable green food for young chicks as well as laying hens that are kept constantly penned up. Lb., \$1.00; $\frac{1}{4}$ lb., 35c; oz., 10c; pkg., 5c.

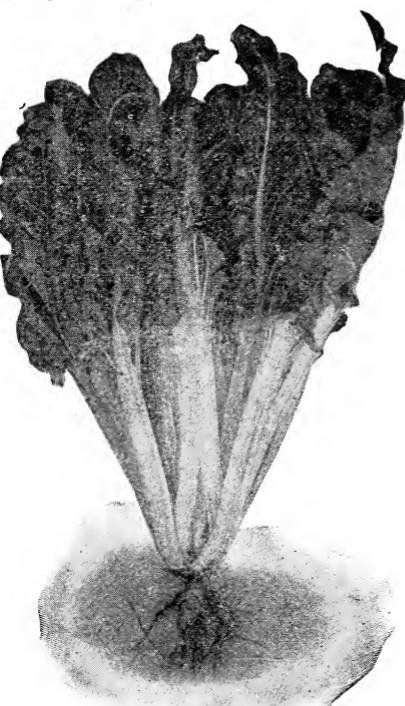
SUGAR BEETS

For Sugar or for Stock

KLEIN WANZLEBEN. This variety of sugar beet is very hardy and easy to grow. It produces very heavily and is used both for sugar production and for stock. Lb., 80c; $\frac{1}{2}$ lb., 45c; $\frac{1}{4}$ lb., 25c; oz., 10c; pkg., 5c.

FAMILY GARDEN COLLECTION

Thirty packets of our selection (see page 27) for \$1.00, or twenty-five 5c packets of your own selection for \$1.00.



MANGEL WURTZEL BEETS



GIANT YELLOW OR GATE POST. Also called **Golden Leviathan**. This beautiful russet colored mangel is very similar to the famous Danish Sludstrup in every particular except that it does not contain quite such a high percentage of sugar. The flesh is white and firm and the yield is enormous. Lb., 50c; $\frac{1}{2}$ lb., 30c; $\frac{1}{4}$ lb., 20c; oz., 10c.

GIANT HALF SUGAR MANGEL. A strain of mangels, larger than the regular sugar beet and sweeter than the other mangels, which has been specially selected for its size and also nutritive feeding value. Stands well out of the ground and is easier to pull than the smaller sugar beets. Price, lb., 50c; $\frac{1}{2}$ lb., 30c; $\frac{1}{4}$ lb., 20c; oz., 10c.

NORBITAN'S GIANT. Largest red. Easiest to pull. Grown mostly above ground. Produces more weight to the acre, but is coarser grain than the other mangels. Lb., 50c; $\frac{1}{2}$ lb., 30c; $\frac{1}{4}$ lb., 20c; oz., 10c.

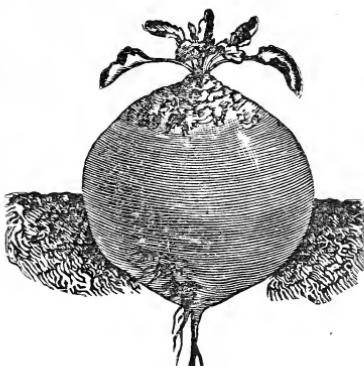
MANGEL WURTZEL—Continued

Write for Prices on 10 Lbs. or More

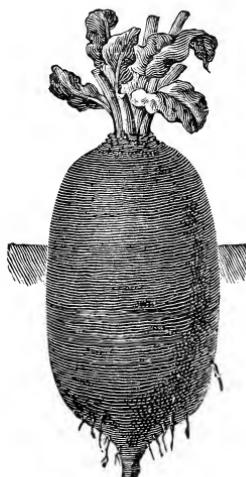


DANISH SLUDSTRUP. New kind from Denmark. Highly recommended by the Danish government. Long, oval, reddish-yellow. Grows well above ground, and easy to pull. After growing them for years, we find the Sludstrup to be very productive, large, smooth, uniform shape, and very sweet and solid, and of high nutritious value. They much resemble the Giant Yellow, or Gate Post, but are sweeter, containing more sugar. Lb., 45c; $\frac{1}{2}$ lb., 25c; $\frac{1}{4}$ lb., 15c; oz., 5c. Five lbs. or more at 40c per lb.

If you are in need of 10 lbs. or more of this variety of mangel, do not fail to write for prices, as we can make you very attractive quotations on this variety.



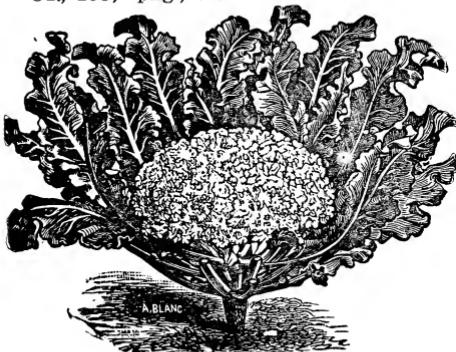
YELLOW GLOBE. Better than other kinds for sandy or shallow soil. Globular in shape, productive, and keeps well. Very smooth and handsome. Grows to a large size on good soil. Lb., 50c; $\frac{1}{2}$ lb., 30c; $\frac{1}{4}$ lb., 20c; oz., 10c.



GOLDEN YELLOW TANKARD. A smooth, yellow-fleshed mangel. The roots are of large diameter, tapering quickly at the bottom, which is quite broad, with only a small tap-root. It grows largely above the soil. It yields large crops on good land and is easily harvested. Lb., 50c; $\frac{1}{2}$ lb., 30c; $\frac{1}{4}$ lb., 20c; oz., 10c.

BRUSSELS SPROUTS

TALL FRENCH. Produces numerous compact sprouts of good quality. Oz., 25c; pkg., 5c.



BROCCOLI

Broccoli is a variety of cauliflower, but is more hardy and requires a longer period for development. It is often called "winter cauliflower" and should be treated the same as late cauliflower.

ST. VALENTINE. An excellent variety, which forms large, solid, white heads and is well adapted for shipping. Oz., \$1.25; pkg., 15c.

AUTUMN WHITE CAPE. A splendid variety, with large white heads of good flavor. Oz., 60c; pkg., 10c.

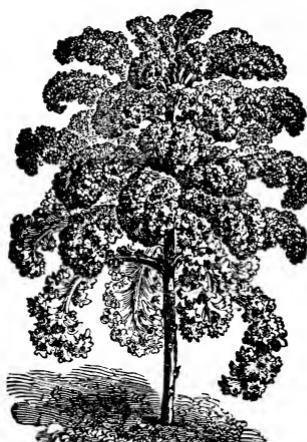


White Plume Celery.

See page 13 for description and prices.

BORECOLE or KALE

This is grown quite extensively for greens and for gardening wherever the climate will permit. As a rule kale will stand a temperature of nearly zero and can be used as winter greens wherever the thermometer does not fall below that point. The flavor is improved by frost. In the Northwest it gives good results if planted from June to August.



GREEN CURLED. The plants of this variety are two to four feet in height and bear an abundance of long plume-like leaves. The leaf edges are deeply cut and very curly. Very seldom injured by freezing in Western Washington or Oregon. Oz., 15c; pkg., 5c.

DWARF CURLED SCOTCH. A finely curled, low growing and hardy variety, well adapted for making greens. This variety is used largely for garnishing, as the leaves are of a beautiful light shade of green. This variety is also very hardy. Oz., 15c; pkg., 5c.

THOUSAND HEADED KALE. Lb., 50c; $\frac{1}{4}$ lb., 20c; oz., 10c; pkg., 5c.

For description and prices on larger quantities, see page 29.

CABBAGE

Our seeds are tested for purity and germination, and none are sent out that will not grow if soil, weather and cultural conditions are right.

EARLY CABBAGE



EARLY JERSEY WAKEFIELD. This is the earliest and best cabbage not only for market gardeners but for the family garden. Its great resistance both to frost and other unfavorable condition makes it the surest header of all the early cabbages. The heads are very solid, uniform, medium sized and of excellent quality. $\frac{1}{4}$ lb., \$1.00; oz., 30c; pkg., 5c.

CHARLESTON WAKEFIELD. This is a strain of Wakefield which is just a little later and larger than the Early Jersey Wakefield. The leaves are large, smooth and rather thick. The plant is very hardy and vigorous. The heads are blunt pointed, broad at the base, and in general very uniform. Price, $\frac{1}{4}$ lb., \$1.00; oz., 30c; pkg., 5c.



EARLY WINNINGSTADT. A very solid, pointed head, medium in size and earliness. If planted late, makes a good winter cabbage. Heads well on land too poor to head other kinds. $\frac{1}{4}$ lb., \$1.00; oz., 30c; pkg., 5c.



COPENHAGEN MARKET. This is the earliest of the round headed type of cabbage yet introduced. The heads are quite large and very fine quality. Although this is not quite so hardy as the Early Jersey Wakefield it will be found an excellent sort both for the home garden and the market gardener. $\frac{1}{4}$ lb., \$1.25; oz., 40c; pkg., 5c.

HENDERSON'S EARLY SUMMER. A little later and larger than the Wakefield. Heads flat and stand longer without bursting. $\frac{1}{4}$ lb., \$1.00; oz., 30c; pkg., 5c.

ALL SEASONS or SUCCESSION. A fine new cabbage a few days later, but much larger than the Early Summer; sure heading and of finest quality. Good to plant early or late. $\frac{1}{4}$ lb., \$1.00; oz., 30c; pkg., 5c.

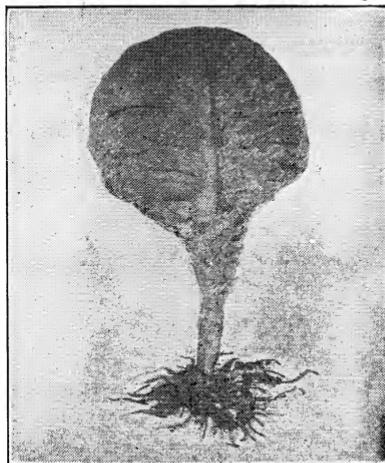
CABBAGE—Continued

LATE CABBAGE



PREMIUM LATE DUTCH. Best for winter use; round or slightly flattened heads; stands freezing well. A good keeper and of excellent quality. $\frac{1}{4}$ lb., \$1.00; oz., 30c; pkg., 5c.

GENUINE SELECTED SUREHEAD. One of the most reliable main crop or late cabbages for the Northwest. It is very hardy and a very sure header. The heads are compact and while of the same type as the Drumhead are somewhat thicker. It is a good keeper and in some localities is used for the home market and for shipping. $\frac{1}{4}$ lb., \$1.00; oz., 30c; pkg., 5c.

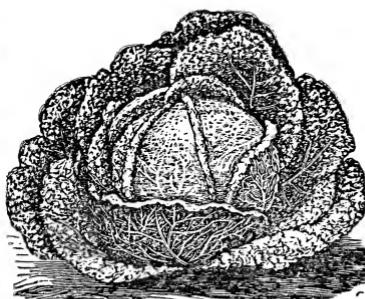


HOLLANDER or DANISH BALL HEAD. A medium-sized, very solid head. Is a long keeper and a good one to ship. The small heads weigh more than large heads of other kinds. Should be planted on good soil, with good cultivation to secure good-sized heads. On poor soil it makes too long a stem. $\frac{1}{4}$ lb., \$1.25; oz., 40c; pkg., 5c.

RED DRUMHEAD. A large, very solid, late red cabbage, much used in pickling. Good keeper and a favorite with the ladies. $\frac{1}{4}$ lb., \$1.00; oz., 30c; pkg., 5c.



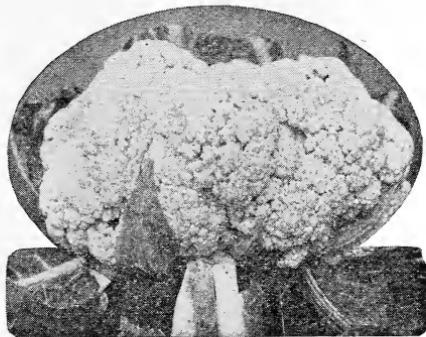
LATE AMERICAN DRUMHEAD. Large, late heads, hard and solid, very desirable for fall and winter use. Sure heading and a good keeper. Smooth, uniform heads. $\frac{1}{4}$ lb., \$1.00; oz., 30c; pkg., 5c.



NETTED SAVOY. This is the finest of the Savoy cabbages, and a general favorite; of excellent flavor, surpassing that of any other late cabbage. Stands freezing well. $\frac{1}{4}$ lb., \$1.00; oz., 30c; pkg., 5c.

CAULIFLOWER

CULTURE—A good, extra rich soil is essential for the successful cultivation of this most delicious vegetable; our most experienced cultivators, however, acknowledge the advantage of a cool, moist season. Pursue the same general directions as recommended for growing cabbage, watering liberally during the dry weather. An occasional application of liquid manure is beneficial.



HENDERSON'S EARLY SNOWBALL

The best known and most used of all the early cauliflowers. A great favorite with the market gardeners; for both early and late planting. Produces beautiful snow-white heads of the most delicious flavor. Oz., \$2.00; pkg., 10c.

EXTRA EARLY DWARF ERFURT.

This is the choicest selected strain of the Erfurt type and is very sure to make nice heads. Small leaves, large heads. Oz., \$2.00; pkg., 10c.

DANISH GIANT. An excellent dry weather variety, with large, pure white, solid heads; two weeks later than the Erfurt, but will head up better in dry weather. Oz., \$2.00; pkg., 10c.

ALGIERS. One of the best kinds of late cauliflower. The plants are large and upright, with the leaves protecting the heads so that this sort will stand the frosts that would ruin many other varieties. A great favorite with market gardeners who desire a late marketing sort. $\frac{1}{4}$ lb., \$3.00; oz., \$1.00; pkg., 10c.

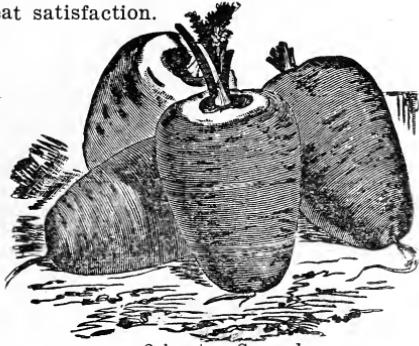
VIETCH'S AUTUMN GIANT. Large, late, white, compact heads, well protected by foliage. Oz., \$1.00; pkg., 10c;. (Best for pickling and fall use.)

CARROTS

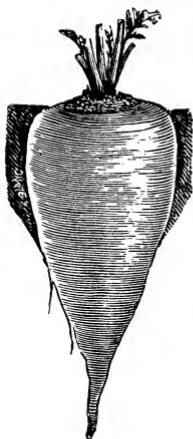
The carrot is a healthy, nutritious food for the family or for the stock. While we recommend the Yellow Mangel for cows, carrots are the best for horses, and they are especially valuable to feed poultry in winter, giving you great returns in the increased egg production. Peas and carrots make the cheapest and best food for laying hens. Don't fail to grow plenty of carrots. Easily grown, if you use our seed, which has always given great satisfaction.

EARLY HORN. Best for early market or table use. Quickest to mature. Lb., \$1.00; $\frac{1}{2}$ lb., 60c; $\frac{1}{4}$ lb., 35c; oz., 10c; pkg., 5c.

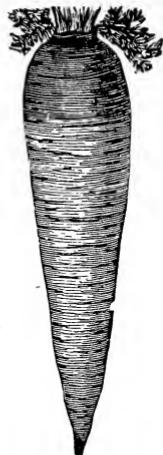
OXHEART, or GUERANDE. Short and thick intermediate, between the Half-long and the Early Horn varieties; three or four inches in diameter at the neck. Of most beautiful color and shape. Lb., 90c; $\frac{1}{2}$ lb., 50c; $\frac{1}{4}$ lb., 30c; oz., 10c; pkg., 5c.



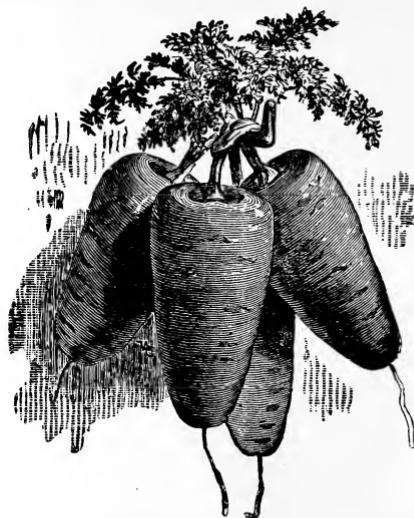
Oxheart, or Guerande



Improved Short White



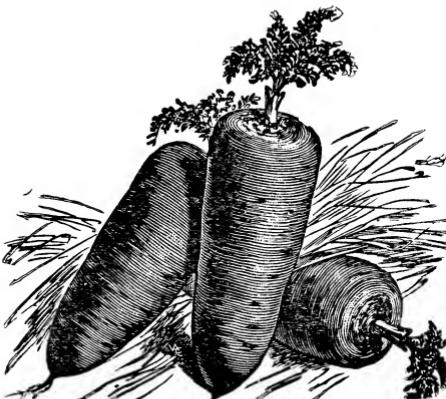
Large White Belgian



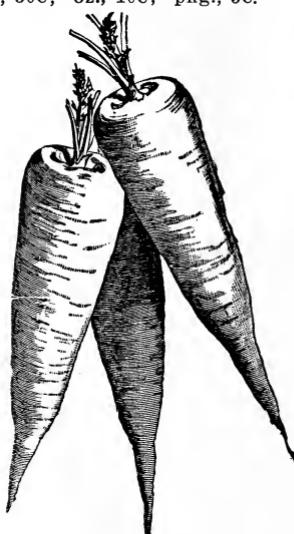
CHANTENAY. Excellent new carrot of the half-long class. Great favorite wherever tried. Nearly as large around and a little longer than the Oxheart. Lb., 90c; $\frac{1}{2}$ lb., 50c; $\frac{1}{4}$ lb., 30c; oz., 10c; pkg., 5c.

IMPROVED SHORT WHITE. A great improvement over the large White Belgian, and does not extend above the ground as does the old kind. Thick and short, easy to pull, and grows larger than the yellow kinds. Although a splendid stock carrot, it is most excellent quality for the table also. Lb., 80c; $\frac{1}{2}$ lb., 45c; $\frac{1}{4}$ lb., 25c; oz., 10c; pkg., 5c.

LARGE WHITE BELGIAN. A large and very productive stock carrot. The long roots extend above the ground so it is easy to pull, but liable to be injured by sun or frost. Lb., 80c; $\frac{1}{2}$ lb., 45c; $\frac{1}{4}$ lb., 25c; oz., 10c; pkg., 5c.



DANVER'S HALF-LONG. Shorter and easier to pull; great favorite. Very productive and of very fine quality. Lb., 90c; $\frac{1}{2}$ lb., 50c; $\frac{1}{4}$ lb., 30c; oz., 10c; pkg., 5c.



LONG ORANGE. An old, well known kind, but not much used, as it grows too long and is hard to pull. Yields well, keeps well. Lb., 90c; $\frac{1}{2}$ lb., 50c; $\frac{1}{4}$ lb., 30c; oz., 10c; pkg., 5c.

Carrots require about $2\frac{1}{4}$ to 3 pounds per acre.

CELERY

For garden culture we would advise making two plantings where wanted for either home use or market. For the earliest crop the seed should be sown in hotbeds during February or March, and the young plants set in rich soil as soon as large enough. For the fall or main crop, seed may be sown in the open ground as early in the spring as the soil can be worked in a good condition, and the plants should be set in the rows during July.



KALAMAZOO. The most solid crisp eating and deliciously flavored variety. Very large, short and stocky and of quick growth. Keeps well. Good for family use or for market. Oz., 25c; pkg., 5c.

WHITE PLUME. Most popular, with white stalks and leaves. Very ornamental. Does not require so much banking up for bleaching as the other kinds. Oz., 25c; pkg., 5c.

DWARF GOLDEN HEART. A very popular and new variety. Beautiful short sort; solid, excellent flavor, and keeps well during winter. Oz., 25c; pkg., 5c.

GOLDEN SELF-BLANCHING CELERY. The best variety, especially for early crop. The plant is naturally golden-yellow; both leaves and stems. Forms rather a small bunch. Oz., 50c; pkg., 5c.

CELERIAC



CELERIAC (Turnip-rooted Celery). This is distinct in growth from the tall celeries. The edible portion is the large, swollen root, which somewhat resembles a turnip, and is highly esteemed for boiling or for flavoring soups, stews and other dishes. The plants should be started in the same manner as other celeries, and when of sufficient size, transplant to stand eight to ten inches apart each way in rich soil, hoeing frequently to promote a strong growth. As roots are produced entirely below the surface, plants do not need earthing up. Oz., 30c; pkg., 5c.

FAMILY GARDEN COLLECTION
Thirty packets of our selection (see page 27) for \$1.00, or twenty-five 5c packets of your own selection for \$1.00.

CHICORY

LARGE ROOT-ED. Extensively used to adulterate coffee and as a substitute for it. The culture is the same as for carrots. Dig at about the same time as carrots, wash, slice and dry by artificial heat. The blanched leaves are used for salad. $\frac{1}{4}$ lb., 50c; oz., 20c; pkg., 5c.



CORN

GOLDEN BANTAM. A medium early variety with golden yellow grain. Very tender, sweet and delicious. Stalks four to five feet high; ears about seven inches long and eight rowed. Lb., 35c; $\frac{1}{2}$ lb., 20c; $\frac{1}{4}$ lb., 15c; pkg., 10c; 5 lbs. or over at 30c per lb.

EXTRA EARLY CORY. This is the earliest sweet corn grown, and the best and surest to plant on Puget Sound. Put the hills three feet apart each way, and then thin out to two stalks in each hill, and it will ear and fill well. Lb., 35c; $\frac{1}{2}$ lb., 20c; $\frac{1}{4}$ lb., 15c; pkg., 10c.

MAMMOTH WHITE CORY. This is the White Cob Cory much improved in size of ear and kernel. It is the largest extra early sweet corn. It has twelve instead of eight rows, as in the old Cory, and will find better sale in the market. It is nearly as early and as good quality also. Lb., 35c; $\frac{1}{2}$ lb., 20c; $\frac{1}{4}$ lb., 15c; pkg., 10c.

EARLY MINNESOTA. Is larger and later, but not so sure as the Cory. It is well to plant some of both kinds for a succession. Lb., 35c; $\frac{1}{2}$ lb., 20c; $\frac{1}{4}$ lb., 15c; pkg., 10c.

PEEP O' DAY. One of the very earliest of the dwarf varieties. The cobs are about five inches in length, the kernels white and tender. Lb., 35c; $\frac{1}{2}$ lb., 20c; $\frac{1}{4}$ lb., 15c; pkg., 10c.

CUCUMBERS

LONG GREEN IMPROVED. This is undoubtedly the best variety of cucumbers for all uses grown. While it is later than the White Spine, it produces a much larger fruit. It produces an abundance of fruit and is unsurpassed either for market gardening or for the home garden. $\frac{1}{4}$ lb., 50c; oz., 15c; pkg., 5c.

BOSTON PICKLING. This is a very productive variety and one of the most popular kinds used for pickling. The fruits are of medium size, very smooth and bright green in color. The flesh is crisp and tender. $\frac{1}{4}$ lb., 50c; oz., 15c; pkg., 5c.

IMPROVED WHITE SPINE. This is one of the best sorts for early table use, as it will mature fruits a little earlier than the Long Green. Fruits usually straight and light green in color. $\frac{1}{4}$ lb., 50c; oz., 15c; pkg., 5c.

JAPANESE CLIMBING. This cucumber is adapted to growing on a trellis so that the fruits hang free from the ground. The fruits are much longer than the Long Green and of good flavor. Usually thrive well even in dry, hot summers. $\frac{1}{4}$ lb., 50c; oz., 15c; pkg., 5c.

CRESS or PEPPER GRASS

UPLAND. Leaves and flavor resemble water cress, but grows in dry soils, on uplands. Oz., 15c; pkg., 5c.

ENDIVE



GREEN CURLED. Not only much used as a salad, but is highly ornamental from its delicately cut and colored leaves. Much used for garnishing. Oz., 15c; pkg., 5c.

KOHL RABI

In growth this is half-way between cabbage and turnip; the edible portion is the large bulb, which forms on the stem above the soil. By making successive sowings, tender bulbs may be had throughout summer and fall, and are highly esteemed for their mild, delicate, cabbage-like flavor. The plants are quite hardy, and seed may be sown in drills as early as the ground can be worked in good condition.



LARGE EARLY PURPLE. Fine and tender. Oz., 25c; pkg., 5c.

LARGE EARLY WHITE. Same as above except color. Oz., 25c; pkg., 5c.

LETTUCE



NEW YORK or LOS ANGELES. This wonderful variety of lettuce is undoubtedly one of the finest, both for the market and for the home garden. It forms a large tight crisp head that is very popular with the market gardeners and is much used as a fall and winter lettuce on the markets. The outer leaves are dark green and frilled at the edges, while the inner leaves are very tender and beautifully blanched. $\frac{1}{4}$ lb., 80c; oz., 25c; pkg., 5c.

GRAND RAPIDS. This is the kind of lettuce that is generally used for growing under glass in winter. $\frac{1}{4}$ lb., 40c; oz., 10c; pkg., 5c.

BLACK SEED SIMPSON. Large early; very nice and desirable; slow to run to seed; tender a long time. $\frac{1}{4}$ lb., 40c; oz., 10c; pkg., 5c.

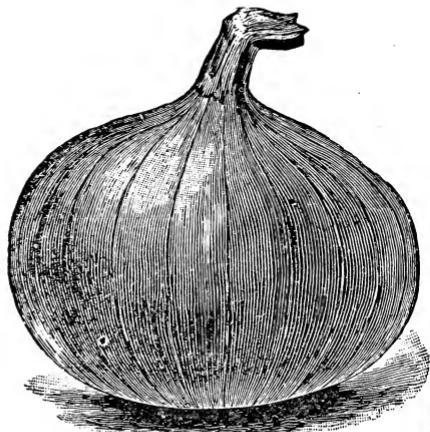
EARLY PRIZE HEAD BROWN. Large leaves, tinged with brownish red; very tender, crisp and sweet, forming a large, loose head; $\frac{1}{4}$ lb., 40c; oz., 10c; pkg., 5c.



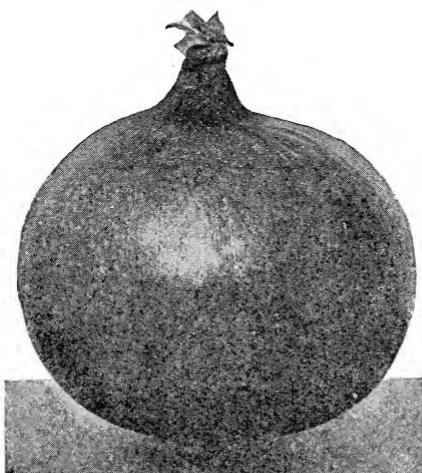
HANSON. One of the very best. Large heads, sweet and crisp. If you want your lettuce to head, plant this kind and thin out, or transplant to several inches apart. $\frac{1}{4}$ lb., 40c; oz., 10c; pkg., 5c.

ONION SEEDS

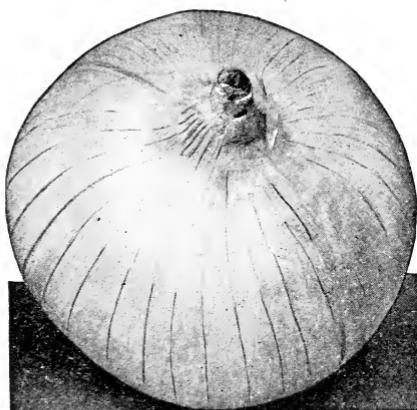
Our onion seed has given the best of satisfaction. Many have written us that they could never grow such nice, large, sound onions with any other seed. We have extra choice onion seed, and onion growers can place the utmost confidence in this seed. Sow about five pounds to the acre.



OREGON YELLOW DANVERS. A great favorite. Round, large; yields heavy; early to ripen and a good keeper; best kind for Puget Sound. All the onion growers like it. Lb., \$2.00; $\frac{1}{4}$ lb., 60c; oz., 20c; pkg., 5c.



LARGE RED WETHERSFIELD. A pleasant flavor; grows large; flat; keeps well. Many people plant half red and half yellow, mixing the seed. Lb., \$2.00; $\frac{1}{4}$ lb., 60c; oz., 20c; pkg., 5c.

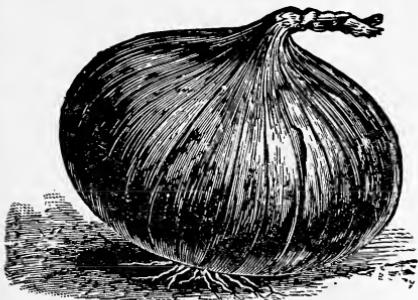


WHITE PORTUGAL OR AMERICAN SILVERSKIN. A large white, flat onion of mild flavor. Fine for early use and for pickling; keeps as well as any of the white onions. $\frac{1}{4}$ lb., 90c; oz., 25c; pkg., 5c.



EXTRA EARLY RED. A light red colored onion; good keeper; earliest of all; medium sized, but very productive. Lb., \$2.50; $\frac{1}{4}$ lb., 75c; oz., 25c; pkg., 5c.

WHITE QUEEN. This is the best onion for small pickles. It is one of the earliest onions grown. The bulbs average $1\frac{1}{2}$ inches in diameter and are pure white and very mild in flavor. They are also unsurpassed for very early table use. $\frac{1}{4}$ lb., \$1.25; oz., 35c; pkg., 5c.



AUSTRALIAN BROWN. A beautiful amber brown; extra early; sure cropper, and best keeper of all the onions; very solid and good. Lb., \$1.50; $\frac{1}{4}$ lb., 50c; oz., 15c; pkg., 5c.



YELLOW BOTTOM. Best set for early green onions. Quality extra good this year. 25c by mail, Postpaid.

If by freight or express at your expense, or if sold at our seed store, deduct 5c lb.

LEEK

LARGE AMERICAN FLAG. This fine variety produces large white stems of delicate flavor. Oz., 25c; pkg., 5c.

MUSKMELON

Oz., 15c; pkg., 5c.

NETTED GEM or ROCKYFORD. The finest netted variety. The flesh is green, very sweet and of fine flavor.

BURRELL'S GEM. Very popular green skinned sort. Flesh is salmon color and very sweet.

WATERMELON

Oz., 15c; pkg., 5c.

TOM WATSON. Large dark green melon of exceptional quality and sweetness.

PARSNIPS



LONG WHITE. Large, smooth, sweet, the standard kind; grown from especially selected smooth roots, 1922 crop. Lb., \$1.25; $\frac{1}{4}$ lb., 40c; oz., 10c; pkg., 5c.

HOLLOW CROWN. This variety is a good producer. The roots are tender and exceptionally fine grained. Lb., \$1.25; $\frac{1}{4}$ lb., 40c; oz., 10c; pkg., 5c.

PEPPERS

CHINESE GIANT PEPPER. This variety produces an abundance of mammoth fruits sometimes reaching 4 to 5 inches in diameter. The flesh is tender, thick, and mild and unexcelled for use in salads and for stuffing mangoes. Oz., 60c; pkg., 5c.

GOLDEN DAWN. Large, sweet, yellow, productive. Has no fiery flavor and is excellent for mangoes. Oz., 60c; pkg., 5c.

LARGE SWEET MOUNTAIN. Red, mild, much used for mangoes. Oz., 60c; pkg., 5c.

RED CAYENNE. Small, prolific, hot; much used in pickling. It requires heat to sprout and grow peppers, must be started early in hot beds, under glass. Oz., 60c; pkg., 5c.

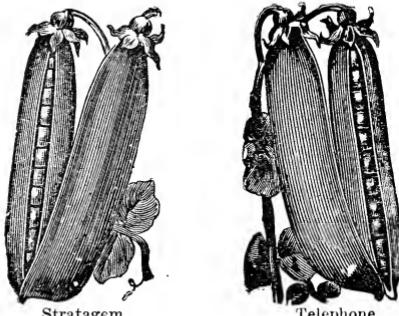
PEAS—Early

When five pounds or over of any one variety of peas, either early or late, are ordered in a single order, 5c per pound may be deducted.

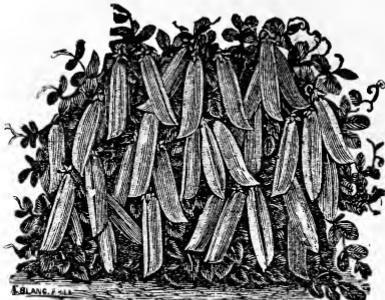


ALASKA or FIRST OF ALL. Earliest of all, and the best of the hard, smooth, round peas, which can be planted very early, as they are not so liable to rot in the ground as the wrinkled peas. Three feet tall. Lb., 30c; $\frac{1}{2}$ lb., 20c; $\frac{1}{4}$ lb., 15c; pkg., 10c.

GRADUS. This variety combines the finest quality with extreme earliness and is also well known for its productiveness. It is very hardy and may be planted fully as early as any other sort. The vines, which are very vigorous and healthy, produce an abundance of pods that rival the pods of the Telephone in size. The peas are large, tender and very delicious in taste. Lb., 35c; $\frac{1}{2}$ lb., 20c; $\frac{1}{4}$ lb., 15c; pkg., 10c.



DWARF TELEPHONE. Half dwarf with vigorous vines, producing an abundance of very large pods, filled with immense peas, which are tender and sweet and of excellent flavor. Lb., 35c; $\frac{1}{2}$ lb., 20c; $\frac{1}{4}$ lb., 15c; pkg., 10c.



AMERICAN WONDER. Earliest of the dwarfed wrinkled peas. Does not need bushing. Large peas and pods and prolific; quality extra good. Do not plant it while the ground is cold and wet. Lb., 35c; $\frac{1}{2}$ lb., 20c; $\frac{1}{4}$ lb., 15c; pkg., 10c.

LAXTONIAN. This new pea is one of the earliest dwarf varieties. It is very hardy and produces abundantly. The pods are dark green and generally about 4 inches long. The peas are usually 7 to 10 in number and of large size and very delicious flavor. Lb., 35c; $\frac{1}{2}$ lb., 20c; $\frac{1}{4}$ lb., 15c; pkg., 10c.

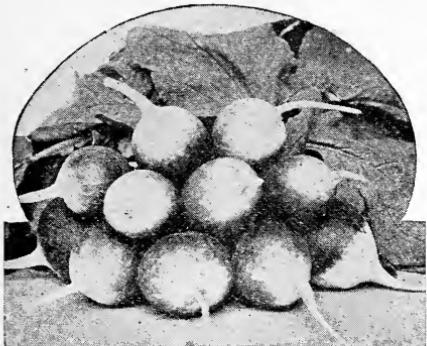
PEAS—Late

TALL TELEPHONE. The finest main crop pea for the home or market gardener. The vines which are four or five feet tall bear an abundance of extra long pods filled with large sugary peas of fine flavor. Lb., 35c; $\frac{1}{2}$ lb., 20c; $\frac{1}{4}$ lb., 15c; pkg., 10c.

CHAMPION OF ENGLAND. A splendid tall variety. Peas large and sweet. Lb., 30c; $\frac{1}{2}$ lb., 20c; $\frac{1}{4}$ lb., 15c; pkg., 10c.

IMPROVED STRATAGEM. A sweet wrinkled variety from England; vines of vigorous growth, healthy and stocky; about two feet high; producing a heavy crop of beautiful large, long pods, well filled with large peas of good quality; very valuable and reliable. Lb., 35c; $\frac{1}{2}$ lb., 20c; $\frac{1}{4}$ lb., 15c; pkg., 10c.

RADISH



SCARLET TURNIP, WHITE TIPPED or ROSY GEM. One of the most popular and attractive short varieties. Globe-shaped, bright rose, carmine, with bottom and tip clear white. Valuable for forcing as well as for the home garden and market. Lb., \$1.25; $\frac{1}{4}$ lb., 35c; oz., 10c; pkg., 5c.

FRENCH BREAKFAST. Small, oval form, quick growing, mild and tender. Color scarlet, tipped with white; best kind for hot-beds or for earliest use in open ground in the garden. Get a good supply of radish seeds and sow every two weeks through the season. Lb., \$1.25; $\frac{1}{4}$ lb., 35c; oz., 10c; pkg., 5c.

CRIMSON GIANT. An exceptionally fine radish either for the family garden or for forcing. It grows nearly twice as large as any of the other round radish before becoming pithy. The flesh is mild and of excellent flavor. Lb., \$1.25; $\frac{1}{4}$ lb., 35c; oz., 10c; pkg., 5c.

PUMPKINS

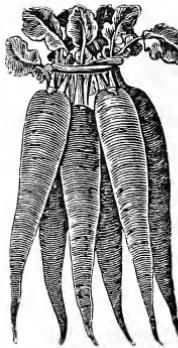
CULTURE — Pumpkins will grow on any good farm land, but their size and quality will depend on the culture and fertility of the soil. Plant early in May, in hills six to eight feet apart. One pound of seed will plant about 300 hills.

SWEET or SUGAR. Fine grained; excellent for pies; very prolific. Early and sure to ripen. $\frac{1}{4}$ lb., 40c; oz., 15c; pkg., 5c.

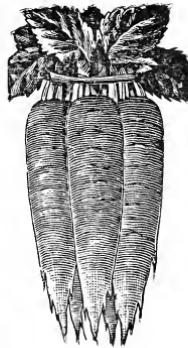
CONNECTICUT FIELD. Vines of strong, vigorous growth and wonderfully prolific. Fruit round or slightly oval in form. Reddish-orange skin, slightly ribbed, with rich, orange-yellow flesh. Grown extensively for stock feeding. Lb., \$1.00; $\frac{1}{4}$ lb., 35c; oz., 10c; pkt., 5c.

LONG WHITE. Very juicy, crisp and tender. The finest of the long white radishes. Lb., \$1.25; $\frac{1}{4}$ lb., 35c; oz., 10c; pkg., 5c.

CHINA ROSE WINTER. Best for winter use. Long, solid and tender. Lb., \$1.25; $\frac{1}{4}$ lb., 35c; oz., 10c; pkg., 5c.



Long Brightest
Scarlet



Chartier

LONG BRIGHT SCARLET. A beautiful new radish. It grows very quickly and is as good as it is pretty. Lb., \$1.25; $\frac{1}{4}$ lb., 35c; oz., 10c; pkg., 5c.

CHARTIER. Beautiful long scarlet white tip; crisp and sweet. See cut. Lb., \$1.25; $\frac{1}{4}$ lb., 35c; oz., 10c; pkg., 5c.

PARSLEY

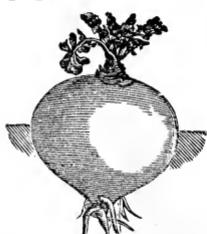


CHAMPION MOSS CURLED. The most beautiful kind for garnishing or flavoring. Can cut fresh from the garden all winter. $\frac{1}{4}$ lb., 40c; oz., 15c; pkg., 5c.

RUTABAGA



SKIRVING'S PURPLE TOP. This is undoubtedly the hardiest and finest of all the rutabagas, and owing to its great productiveness is the best for feeding purposes. Its flesh is yellow in color, sweet, fine grained, and quite tender. Lb., 90c; $\frac{1}{4}$ lb., 30c; oz., 10c; pkg., 5c.



AMERICAN YELLOW. This is the best rutabaga for either table or stock use. The flesh is very firm. As a yielder the American Yellow is surpassed only by the Skirving's Purple Top which is strictly a field rutabaga. Lb., 90c; $\frac{1}{4}$ lb., 30c; oz., 10c; pkg., 5c.

WHITE FRENCH. A large, white, market variety; sweet, smooth and solid. Good winter keeper. Lb., 90c; $\frac{1}{4}$ lb., 30c; oz., 10c; pkg., 5c.

RHUBARB

VICTORIA. Is very large; standard kind; seeds sown this year will yield stalks for next year. Lb., \$1.00; $\frac{1}{4}$ lb., 30c; oz., 10c; pkg., 5c.

SPINACH



KING OF DENMARK. This new spinach is undoubtedly the finest variety introduced in recent years. The leaves resemble Long Standing but are more crumpled and dark green. This variety generally stays in good condition a week or two longer than any other kind. Lb., \$1.00; $\frac{1}{4}$ lb., 30c; oz., 15c; pkg., 5c.

LONG STANDING. An improved variety for general use; slow going to seed. Lb., 75c; $\frac{1}{4}$ lb., 25c; oz., 10c; pkg., 5c.

IMPROVED THICK LEAVED. This variety grows very rapidly and forms a cluster of large slightly crumpled leaves of deep green color. Quality very excellent. Lb., 75c; $\frac{1}{4}$ lb., 25c; oz., 10c; pkg., 5c.

NEW ZEALAND. A very productive variety that will stand repeated cuttings during the hot dry weather of summer. It grows well on land that is too poor to grow common spinach. Lb., \$2.00; $\frac{1}{4}$ lb., 60c; oz., 20c; pkt., 5c.

SALSIFY

WHITE FRENCH. A white carrot-shaped root that makes delicious soup; resembling oysters in flavor; easy to grow; good all winter and late in spring; can be left in the ground all winter. Try it. $\frac{1}{4}$ lb., 50c; oz., 20c; pkg., 5c.

SUNFLOWER

MAMMOTH RUSSIAN. Flowers and seeds very large; seed rich with oil and valuable to feed poultry. Lb., 20c; $\frac{1}{4}$ lb., 10c; oz., 5c.

TOBACCO

CONNECTICUT SEED LEAF. Hardy; the best for this latitude; excellent for smoking, also for making a spraying liquid for killing insects. Oz., 50c; pkg., 5c.

SUMMER SQUASH

EARLY WHITE BUSH. The earliest summer squash. Very pretty, scalloped and very productive. Lb., \$1.25; $\frac{1}{4}$ lb., 45c; oz., 15c; pkg., 5c.

LARGE SUMMER CROOKNECK. An excellent new kind for family use or for market. Fine buttery flavor, prolific and large. Lb., \$1.25; $\frac{1}{4}$ lb., 45c; oz., 15c; pkg., 5c.



ITALIAN VEGETABLE MARROW.

This is one of the earliest of all summer squashes. It may be eaten when only 6 to 8 inches long but is good much larger. The young fruits are delicious fried as well as cooked in other ways. Lb., \$1.50; $\frac{1}{4}$ lb., 50c; pkg., 5c.

'DELICIOUS. A very fine thin skinned variety of squash suitable for

either fall or winter use. The flesh is fine grained and of delicious flavor as the name implies. Lb., \$1.50; $\frac{1}{4}$ lb., 50c; pkg., 5c.

WINTER SQUASH



HUBBARD. The standard winter squash, old and reliable. Does well here. Lb., \$1.50; $\frac{1}{4}$ lb., 50c; oz., 15c; pkg., 5c.

NEW GOLDEN HUBBARD. Same shape and same good qualities as the old standard Hubbard, but is of a bright orange-yellow color. Lb., \$1.50; $\frac{1}{4}$ lb., 50c; oz., 15c; pkg., 5c.

TOMATOES

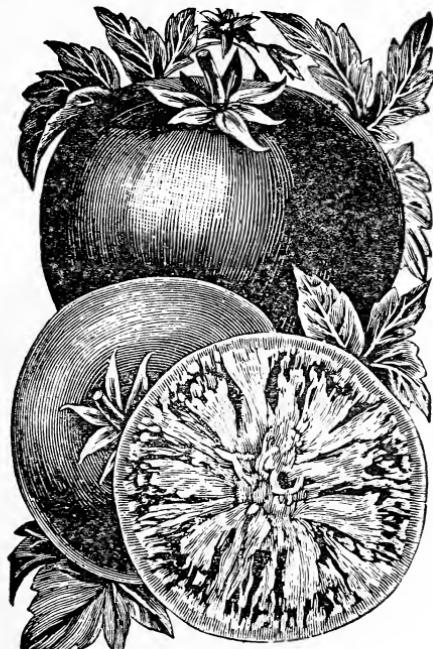
CULTURE—The seed should be sown in hotbeds about the first week in March. When the plants are two inches high transplant to a second bed. Do not transplant in the open until about the middle of May or until all danger of frost is past.

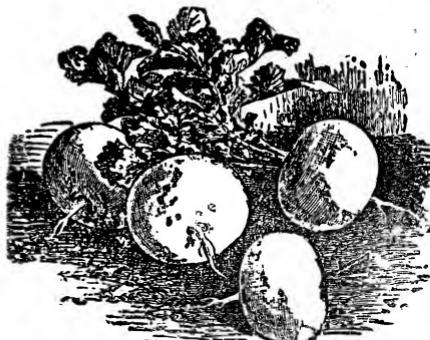
EARLIANA. A wonderfully early and very prolific medium-sized, uniform, smooth, good-shaped, bright scarlet tomato of great solidity and fine flavor. Vines vigorous and hardy, yielding and ripening well for us. $\frac{1}{4}$ lb., \$1.00; oz., 35c; pkg., 5c.

BONNY BEST. This splendid variety of tomato ripens with Earliana. Vines strong and vigorous. The flesh is deep scarlet in color and firm and of good flavor. $\frac{1}{4}$ lb., \$1.00; oz., 35c; pkg., 5c.

JOHN BAER. An extra early variety of great merit. Fruits nearly round, firm, smooth and of fine quality. It is unsurpassed either for home garden or for market. $\frac{1}{4}$ lb., \$1.00; oz., 35c; pkg., 5c.

YELLOW PLUM. Small, plum-shaped, early and very prolific. Most excellent for sweet preserves. $\frac{1}{4}$ lb., \$1.25; oz., 40c; pkg., 5c.





TURNIPS

EXTRA EARLY MILAN. Earliest of turnips. Quite flat, small leaves and small tap-root, with bulb three or four inches in diameter; bright red and purple above ground and clean white below, making it very attractive in market. Lb., \$1.25; $\frac{1}{2}$ lb., 65c; $\frac{1}{4}$ lb., 40c; oz., 15c; pkg., 5c.



WHITE EGG. Large, early, sweet, good, smooth, egg-shaped. Lb., \$1.00; $\frac{1}{2}$ lb., 60c; $\frac{1}{4}$ lb., 35c; oz., 10c; pkg., 5c.



PURPLE TOP STRAP-LEAF. The old standard flat fall turnip. Lb., \$1.00; $\frac{1}{2}$ lb., 60c; $\frac{1}{4}$ lb., 35c; oz., 10c; pkg., 5c.

PURPLE TOP WHITE GLOBE. A valuable sort, for either table use or stock feeding. Roots globe-shaped, white with purple top; flesh white, firm and tender. Lb., \$1.00; $\frac{1}{2}$ lb., 60c; $\frac{1}{4}$ lb., 35c; oz., 10c; pkg., 5c.



YELLOW ABERDEEN. Very hardy and productive; good keeper; globe-shaped; fine quality. Lb., \$1.00; $\frac{1}{2}$ lb., 60c; $\frac{1}{4}$ lb., 35c; oz., 10c; pkg., 5c.

HERBS

Pkgs., 5c each; six pkgs., 25c; thirteen pkgs., 45c.

ANISE — Hardy annual.

CATNIP — Hardy perennial.

CARAWAY — Hardy biennial.

CORIANDER — Hardy annual.

DILL — Annual aromatic.

HOREHOUND — Perennial.

ROSEMARY — Fragrant perennial.

LAVENDER — Fragrant perennial.

MARJORAM — (Sweet) perennial.

SAGE — Large leaved, for flavoring.

SUMMER SAVORY — For flavoring..

THYME — Medicinal perennial.

WORMWOOD — Bitter perennial.

Garden herbs are of much value for medicine, flavoring and perfume, and are easily grown from seed. Some of them should be in every garden.



PRICES — Packages 5c, any six for 25c; any twelve for 50c; the whole collection of thirty-three kinds, \$1.00.

ACROLINIUM

This hardy annual, the most hardy of the so-called everlasting flowers, produces an abundance of white and rose colored flowers during the months of August and September.



BALSAM

Camelia flowered balsams are an old garden favorite. The flowers are double and of mixed colors. The plant is an annual and is rather tender, so will not stand frosts.

BABY BREATH

A feathery annual bearing a profusion of small starlike flowers. It is much used in bouquets with larger flowers.

SWEET ALYSSUM

This is one of the sweetest of the annuals. It is very hardy and produces a succession of white flowers till killed by frost. Alyssum is a great favorite as a border plant.



ASTERS

This beautiful flower is so well known that it needs no description. Our mixture contains asters of nearly all types and colors. Plants started in hot-beds or boxes within the house and transplanted outdoors soon as the weather permits will give an abundance of flowers from August until the heavy frosts. For extra choice strains, see page 2.



CARNATIONS

Carnations do not produce flowers the first year unless started very early indoors or in a hot bed. Our mixture contains both the double and single varieties, and has all shades and colors.



CALIFORNIA POPPY

A very hardy annual bearing a profusion of bright yellow cup-shaped flowers. Will grow in almost any soil and easily reseeds itself.

CANDYTUFT

A hardy annual growing about 8 to 10 inches high. Flowers very fragrant. It is very easy to grow and is much used for borders and massing.

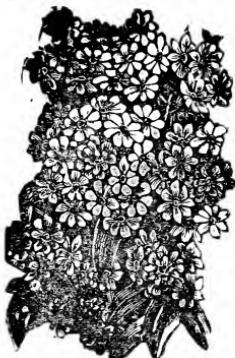
COSMOS

A hardy annual growing from four to six feet tall. The flowers which resemble single dahlias in shape are borne profusely on long stems.

FLOWERS—Continued

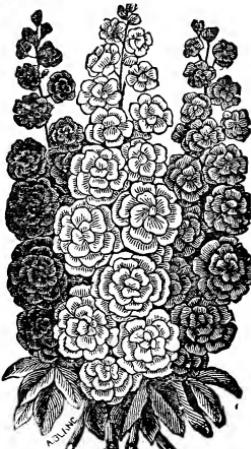
COREOPSIS

One of the hardiest and easiest grown of all summer blooming flowers. Plants two feet tall. Adapted to bedding or massing effects.



HOLLY-HOCKS

This is the old favorite formerly found in nearly all flower gardens. It is a very hardy perennial and as it grows very tall is finely adapted for rows along high fences or beside buildings.



HELICHRYSUM

Another of the everlasting or straw flowers: very large, strong, rich colored, double flower. Very easily grown.



LARKSPUR

A hardy garden annual. Long a favorite. Flowers are various shades of red, blue, white, etc. Will grow on almost any variety of soil.

LOBELIA

Plants small, and compact and very hardy, bearing a profusion of brilliant blue flowers. A great favorite not only for borders but for window and porch boxes as well.



MIGNONETTE

Another old fashioned favorite flower. No garden complete without it. Large spikes; very fragrant.

MORNING GLORIES

A well known climbing annual of rapid growth and profusion of bloom. An old-time favorite.



MARIGOLD

African double mixed. This hardy garden favorite usually grows about three feet tall. The various shades range from yellow to brown.



NASTURTIUM (Dwarf)

Halfhardy annual. Blooms very profusely all the season. Many brilliant colors, mixed. Needs no trellis. 1 oz., 15c.



FLOWERS—Continued

**NASTURTIUM**

(Tall)

Beautiful annual climber for trellises and arbors; of easy culture; gorgeous colored flowers until killed by hard frosts. 1 oz., 15c.

PANSIES

Large flowering varieties. Containing many colors, shades and markings. Contains many very fine specimens. For extra choice strains, see page 2.

**POPPIES**

Paeony flowered. Mixed colors. Large and brilliant. Grows very quickly and easily. Makes a fine show.

SHIRLEY POPPIES

The Shirley poppy is the most beautiful type of poppy grown. The foliage has a soft, hairy covering and the petals are immense and have a beautiful satin-like texture. The flowers are of many colors, there being flowers of white, pink, lavender, purple and various shades of red and scarlet.

**STOCKS**

New German, mixed colors; long time in bloom; very pretty.

**SWEET WILLIAM**

A sweet-scented perennial growing from one to two feet high. The handsome flowers are borne in clusters on a stiff stem.

**PORTULACA**

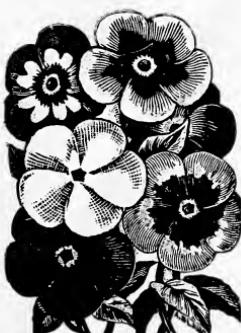
Sometimes called Moss Rose. It is one of the most beautiful of the dwarf bedding plants. The cup-shaped flowers are about an inch in diameter and various shades of pink, red, yellow and white. The fleshy stems grow almost flat on the ground.

**PHLOX DRUMMONDI**

A beautiful showy annual. All colors, mixed; very brilliant.

PETUNIA

Mixed colors. Profusely blooming; hardy. In bloom till frost comes. Easy to grow anywhere.

**SALPIGLOSSIS**

One of the most beautiful of the flowering annuals, bearing many flowers of large size and many colors.



FLOWERS—Continued



VERBENA

A hardy perennial of easy culture. Soaking the seed in water before planting will hasten the germination. Can be used either for bedding or bordering plants.

WALL- FLOWER

Double; mixed colors. Hardy perennial, beautiful, fragrant. Blooms profusely early in spring next year after planting and continues to bloom for several years.



Wallflower

SNAPDRAGON (*Antirrhinum*)

There has been a greater improvement in this old time favorite during the last three or four years than in almost any other flower. The giant flowering Snapdragons of today are infinitely better than the old well known common sort. Flowers large, delicately shaded and of many colors.

ZINNIA

This is one of the finest of the bedding annuals and produces an abundance of large, double flowers of a type well adapted either for flower beds or bouquets. Zinnias have a splendid assortment of shades and colors, which with their hardiness make them a very popular flower. The best success is had where the plants are started indoors or in a hotbed and transplanted in the same way as asters.

SWEET PEAS

SPENCER AND WAVED VARIETIES

KING WHITE — A giant white. Per pkt., 10c; per oz., 35c.

MARGARET ATLEE — New Giant Spencer. Rich rosy salmon-pink on creamy buff. Immense wavy standard, inclined to double. Large wavy wings. Per pkt., 10c; oz., 35c.

COUNTESS SPENCER — The original giant flowered Spencer. Clear pink. Per pkt., 10c; oz., 35c.

WEDGEWOOD — Bright silvery blue. Flowers large. Per pkt., 10c; oz., 35c.

ILLUMINATOR — Bright glowing salmon tinged with orange. Per pkt., 10c; oz., 35c.

PRIMROSE SPENCER — Large petals of a rich cream or ivory color. Per pkt., 10c; oz., 35c.

ASTA OHN — Soft, pinkish lavender self. Very large and wavy. Per pkt., 10c; oz., 35c.

HELEN LEWIS — Orange-pink, with bright orange standard. Per pkt., 10c; oz., 35c.

HERCULES — Clear pink, larger than Countess Spencer. Per pkt., 10c; per oz., 35c.

KING EDWARD SPENCER — The best pure red Spencer. Per pkt., 10c; oz., 35c.

ROYAL PURPLE — Rich royal purple; strong grower, beautiful flowers. Per pkt., 10c; oz., 35c.

SUPERB SPENCER MIXTURE — All colors. Per oz., 25c; pkg., 10c.

GRANDIFLORA MIXED — All colors. $\frac{1}{4}$ lb., 30c; oz., 10c; pkg., 5c.

SPECIAL OFFER



Our Family Garden Dollar Collection

THIRTY FULL FIVE-CENT PACKAGES — ONE PACKAGE EACH — of the Following Thirty Kinds Choice Selected Vegetable Seeds, All for One Dollar.

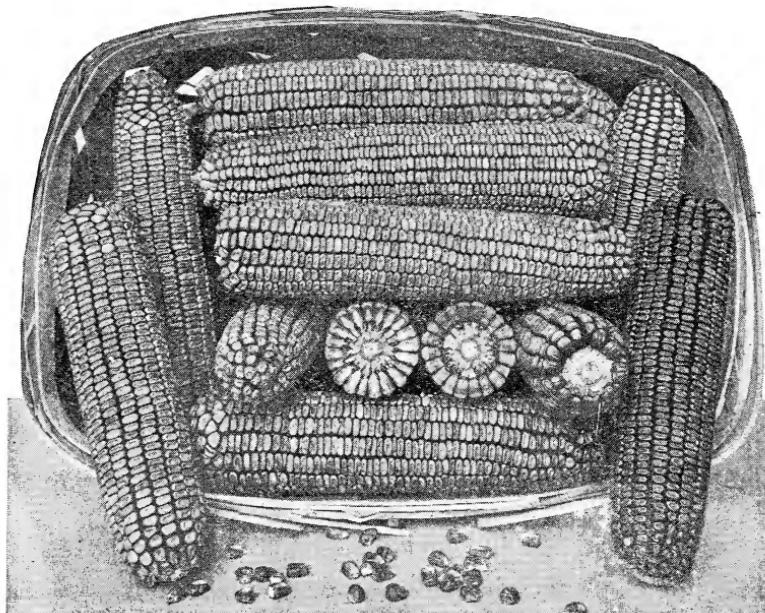
(In ordering, simply send \$1 and say you want the Family Garden Collection.)

| | | |
|---|--|---|
| Beans — Golden Wax, bush. Old Homestead, pole. | Cauliflower — Autumn Giant. | Peas — American Wonder. Stratagem, late. |
| Beets — Detroit Dark Red. Late, Long Smooth. | Celery — White Plume. | Radish — Early French Breakfast. Chartier, late. |
| Swiss Chard — | Cucumber — Boston Pickling. Long Green. | Rutabaga — American Yellow. |
| Cabbage — Early Jersey Wakefield. Early Winningsstadt. Late Flat Dutch. | Corn — Mammoth Early Cory. | Squash — Early White Bush. Late Green Hubbard. |
| Carrot — Early Scarlet Horn. Early Oxheart. Improved Short White. | Lettuce — The Hanson. | Tomato — The Earliana. |
| | Onion — Yellow Danvers. Red Wethersfield. | Turnip — Early White Egg. Purple Top Strap Leaf. |
| | Parsnip — Long Smooth White. | |

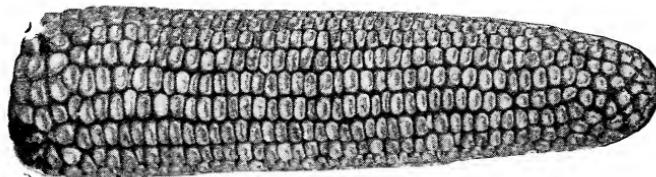
THIRTY FULL SIZED PACKAGES ALL FOR ONE DOLLAR — A COMPLETE GARDEN

Or, you may make your own selections, any twenty-five 5-cent packages in this whole catalog for \$1.00 and may include Herbs and Flowers. Any twelve 5c packages for 50c. These offers apply to **5c packages only**, and not to ounces. In no other way can you make the money go so far to reduce the cost of living.

FODDER CORN



PRIDE OF THE NORTH. This is one of the earliest and best of the yellow dent varieties of field corn, growing about eight feet tall on an average. The kernels are long and closely set on the cobs. Due to the large yield, earliness and the quality of the corn produced, it has long been one of the standard sorts recommended by agricultural stations as especially adapted for use in Washington, Oregon and Idaho. Prices—Postpaid, per lb., 15c; 10 lbs. or more, 12c per lb. Write for prices on 50 lbs. or more.



MINNESOTA NO. 13 (Dent). This corn is the earliest and most productive of all yellow dent corn. Besides being adapted to a wider range of climate and soils than any other corn, it will produce the greatest amount of ensilage of any of the kinds now grown with success west of the Cascade Mountains. Our stock is grown from finest selected stock and carefully tested for germination. Prices—Postpaid, lb., 15c; 10 lbs. or more at 12c per lb. Write for prices on 50 lbs. or over.

FARM SEEDS FOR FORAGE CROPS

SPRING VETCH

The name "Spring Vetch" when applied in Western Washington is misleading in that this variety of vetch can be sown equally well either in the spring or fall. For this locality it is superior to the more expensive "Winter Vetch" whether grown for hay, silage, pasture or green manure. It is especially fine when grown for silage, as it is not only a great milk producer, but it also builds up the land on which it is grown. Should be sown at the rate of sixty to eighty pounds of vetch and forty to fifty pounds of either oats, wheat or rye. Can be sown until about November 1st.

PEAS—CANADA FIELD

Valuable for green fodder, also the ripe dry peas are very fattening hog feed. Peas and vetches are very enriching for the ground when plowed under green. They draw nitrogen from the air and give it to the soil. Sow 100 lbs. to the acre.

DWARF ESSEX RAPE

Dwarf Essex Rape, while used largely as a pasture crop for hogs and sheep, is also good for cattle and poultry. In the Northwest it may be sown any time from early spring till early fall. It should be allowed from six to eight weeks' growth before being pastured. Rape does well on moist land and slough banks, provided that the soil is not sour. Seed should be sown at the rate of 5 lbs. per acre.

THOUSAND HEADED OR COW KALE

Thousand Headed Kale is one of the most valuable of all winter crops for dairymen and poultrymen. It is a very hardy plant belonging to the cabbage family, which grows, in many cases, well over four feet in height, while the central stalk produces an abundance of long, broad leaves which are of great value as a green winter feed. Many poultrymen use it almost exclusively as a source of green feed during the winter. It is also largely used by the dairymen of this section, but should not be fed just before milking time.

Best results in growing Cow Kale are obtained when the plants are raised in a plant bed and transplanted in May, June or the first part of July, in rows about 4 feet apart and with the plants about 3 feet apart in the row. Owing to its rapid growth and large size when grown, it requires only a very moderate amount of cultivation if the ground is in good condition when the transplanting is done.

WINTER RYE

Winter Rye is rapidly becoming a great favorite in this section of the country as a cover crop for soiling purposes and for green feed. As rye will grow well all winter in the mild climate of the Northwest, it is being used more and more widely for soiling purposes on land which has already produced a crop of vegetables, corn, or other produce which can be removed in time for early fall plowing or discing. Rye can be sown with perfect safety until nearly the first of November.

TABLE OF PRICES FOR 1st AND 2nd ZONES

| | Single Lb. Postpaid | 10 Lbs. Postpaid | 50 Lbs. Postpaid | 100 Lbs. Not Postpaid |
|---------------------------|------------------------|---------------------|---------------------|--------------------------|
| Spring Vetch..... | .20c | \$1.50 | \$5.00 | |
| Field Peas..... | .15c | 1.00 | 4.00 | Write |
| Dwarf Essex Rape..... | .25c | 1.80 | 8.00 | for |
| Thousand Headed Kale..... | .50c | 4.75 | | Prices |
| Winter Rye..... | .15c | .85 | 3.50 | |
| Winter Wheat..... | .15c | .85 | 3.50 | |

Above prices subject to change without notice (See page 1.)

SEED OATS

Write for prices.

Grass and Clover Seeds

Prices Below Apply to First and Second Zones Only

We have on hand this year a large stock of choice clean grass and clover seeds. We take great care to have only the best grades of seed obtainable, those which are plump and of good germination and free from foul weed seeds. While inferior grades may be had at cheaper prices, it pays to plant only the best, as the results will pay the difference in the first cost many times over. So in the end the most expensive grades will be the cheapest to those who plant the seed.

| Postpaid | 1 Lb. | 10 Lbs. | Postpaid | 1 Lb. | 10 Lbs. |
|--------------------------|-------|-------------|----------------------|-------|-------------|
| Timothy..... | .20c | 16c per lb. | Red Clover..... | .40c | 35c per lb. |
| Red Top..... | .40c | 35c per lb. | Alsiike..... | .40c | 35c per lb. |
| Kentucky Blue Grass..... | .50c | 45c per lb. | Alfalfa..... | .40c | 35c per lb. |
| Orchard Grass..... | .40c | 35c per lb. | White Clover..... | .75c | 70c per lb. |
| Italian Rye Grass..... | .25c | 20c per lb. | Mam. Red Clover..... | .40c | 35c per lb. |
| English Rye Grass..... | .25c | 20c per lb. | Lawn Grass..... | .50c | 45c per lb. |
| Pacey's Rye Grass..... | .25c | 20c per lb. | | | |

The above prices are given on amounts up to 10 pounds only, because on larger quantities we may be able to make you lower prices, as the price of grass seeds is constantly changing. If larger amounts are desired, write us for prices.

Above prices subject to change without notice. (See page 1.)

Good Books for Farmers and Gardeners

Sent by mail, Postpaid at the Prices Named.

CELERY CULTURE — By W. R. Beattie. This is not only a practical guide for beginners, but a handy reference for those already engaged in celery growing. It clearly describes and illustrates the best methods to be used for growing either in small quantities or in carload lots. Size 5x7. Cloth, 85c.

ASPARAGUS — By F. M. Hexamer. This useful book describes the best methods of growing and marketing asparagus. It also tells how to can or dry the product and how to handle any insects or fungi that may attack the plant. Illustrated; 5x7 inches. Cloth, price 85c.

ONIONS, HOW TO GROW THEM PROFITABLY — By twenty growers of experience. The best book on onions ever published. Paper, 30c.

NEW ONION CULTURE — By T. Greiner. A very fine new treatise on the growing and care of onions. It is a cloth bound volume of 115 pages, profusely illustrated. No better book on onion culture can be bought. Price \$1.00 postpaid.

HOW TO GROW CABBAGE — By Gregory. Full of details for growing, keeping and selling cabbage. Paper, 35c.

CARROTS, MANGEL WURTZELS, ETC. — By Gregory. How to grow, harvest, keep and feed all kinds of farm roots for stock feeding. Paper, 35c.

GARDENING FOR PROFIT — By Peter Henderson. The best book on gardening ever written. No market gardener should try to do without it, and it will pay every farmer to read it. Cloth, 12 mo., profusely illustrated, \$1.85.

SMALL FRUIT CULTURALIST — By Andrew S. Fuller. This book covers the whole ground of small fruits, their culture, varieties, packing for market, etc. It is very finely and thoroughly illustrated. Cloth, 12 mo., \$1.60.

PROFITS IN POULTRY — This excellent work contains the combined experience of a number of practical men in all departments of poultry raising. It is profusely illustrated and will be of much value to every poultry keeper. Cloth, 12 mo., \$1.60.

SOILING CROPS AND THE SILO — By Thomas Shaw. How to cultivate and harvest crops; how to build and fill a silo; how to use silage. The newest and most valuable of all books for the dairyman. It tells all about growing and feeding all kinds of soiling crops that have been found useful in any part of the United States or Canada — climate and soil to which they are adapted, rotation, sowing, cultivating and feeding. Also about building and filling silos, what to use and how to fill and feed it. Illustrated. 364 pages. 5x7 inches. Cloth, net \$1.85.

RED SNAPPER Plant Food

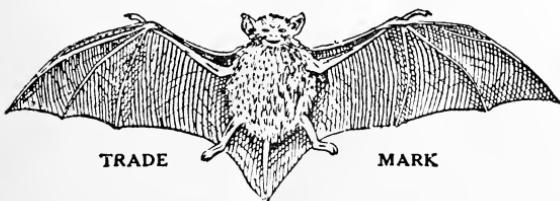


**Wonderful growth without re-potting
Makes Plants Grow and Blossom**

"Red Snapper" Plant Food is by far the richest, most nutritious and yet harmless organic fertilizer for small fruits and house plants, climbing vines and shrubbery ever placed on the market. It is made from specially prepared and finely ground fish bone meal and nitrogenous cartilage mixed with pulverized tobacco snuff. Every particle of food is taken up by the plant, giving a most wonderful growth and coloring, the fruit and blossoms come out exceedingly profuse, with a richness of color never yet attained with any other food or fertilizer. Exhaustive experiments have been made with this material and its success has been proven again and again beyond any doubt. Full directions and instructions for use in each package.

Price by mail, postpaid, 2-lb. box, 50c; 5-lb. box, \$1.00.

Wizard Fertilizer



**For Lawns, Gar-
dens, Flowers,
House Plants,
Shrubs, Vines,
Trees and Fields**

Wizard Fertilizer is derived from nitrates, phosphates, sulphate of potash and other plant food elements. It is a wizard in action, and a giant in strength. Only a very small amount is necessary to obtain splendid results, making it a very economical fertilizer to use. It is odorless, clean and efficient. Lasting and dependable.

Price, 2-lb. carton, 40c; 25-lb. bag, \$2.25, postpaid; 125-lb. bag, \$10.00, not postpaid.

Larger Crops in Field and Garden

IF YOU USE

REGISTERED IN THE
UNITED STATES
DEC. 6TH, 1898
25 YEARS AGO



AWARDED GOLD MEDAL
WORLD'S FAIR
ST. LOUIS, 1904
19 YEARS AGO

Alfalfa, clovers, vetches, peas, beans and other legumes should always be inoculated with Nitragin. The lack of necessary bacteria in the soil is often the cause of a poor legume crop — a weak start — or a total failure.

A Great Price Reduction

NITRAGIN COSTS LESS

Nitragin now comes in Bushel sizes instead of acre sizes. This means that it costs you less per acre than inferior imitations. If you sow 12 pounds of seed to the acre it will only cost you 20 cents for your Nitragin. It means that

YOUR DOLLAR GOES FURTHER WITH NITRAGIN

Nitragin is an old, reliable inoculator. At the low rate of 20 to 33 cents per acre you cannot afford to sow legumes without it. Nitragin is put up in modern ventilated package; in a rich, soil-like packing medium. The contents are always fresh, living bacteria to feed your plants. Easy to use.

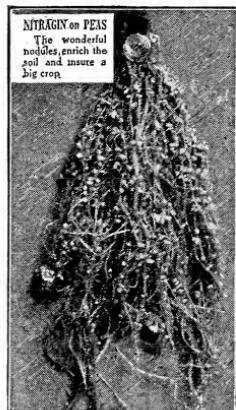
EVERY GARDEN NEEDS NITRAGIN

New Garden Culture for Peas, Beans and Sweet Peas
See Below

NOTICE — We furnish NITRAGIN for all clovers, alfalfa, vetches, peas, beans and sweet peas. Be sure and state the crop you wish to inoculate.

PRICES — Postpaid

| | |
|---|--------|
| 60 lbs. or 1 bushel size (any crop listed above).... | \$1.00 |
| 30 lbs. or half-bushel size (any crop listed above)..... | .60 |
| 15 lbs. or quarter-bushel size (any crop listed above)..... | .40 |
| Garden size, peas, beans and sweet peas (three in one)..... | .20 |



Root Maggots!

You Can Grow Radishes, Cabbages, Turnips, Onions, if you use Mag-o-tite is a positive remedy for root maggot,

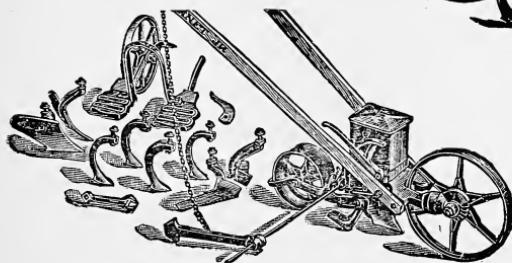
in powder form, easy to apply, non-injurious to plant life, and inexpensive.

Magotite is packed as follows: 2 lbs., 45c; 8 lbs., \$1.20, postpaid. Write for prices on larger quantities.

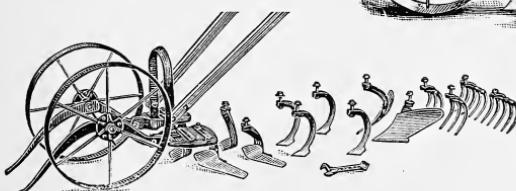


Planet Jr. Garden Tools

NO. 4 PLANET JR., COMBINED HILL AND DRILL SEEDER, WHEEL HOE, CULTIVATOR AND PLOW. This tool combines in a single convenient implement, a capital hill-dropping seeder, a continuous row seeder, an admirable single wheel hoe, an excellent furrower, a capital wheel cultivator and a rapid and efficient wheel garden plow. Price, \$18.75.



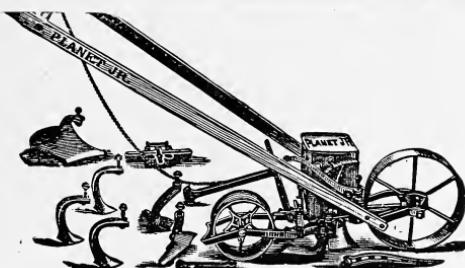
NO. 3 PLANET JR., HILL AND DRILL SEEDER. This machine is a favorite among onion growers and market gardeners. The steel driving wheel with heavy steel spokes, is of proper height, with broad face, making the tool light and easy running. The special force feed is admirable, working equally well whether sowing with an ounce or a full hopper. The index is within easy reach at the top of the handle. Price, \$18.00.



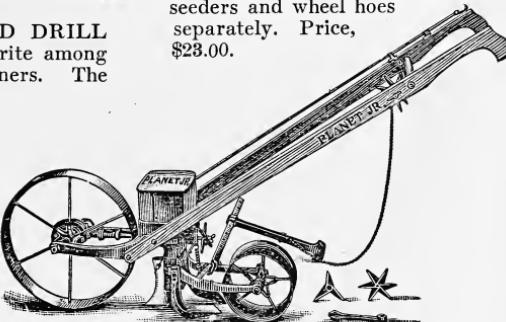
the 6-inch for rows 12 inches and upwards. The plows are invaluable; use them with points together for opening furrows for manure, seed, etc., then exchange sides for covering; use also for plowing from or toward crops, both sides at once. Price, \$15.25.

SINGLE WHEEL HOES. Single wheel hoes are lighter than the double and do almost the same variety of work, but are used mostly between the rows, yet by attaching the wheel to the other side of the arm, Planet Jr. Single Wheel Hoes can be used to hoe both sides at once while the plants are small — the most important time. Price, \$9.00.

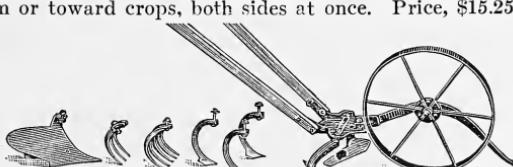
The new Planet Jr. Catalog is the handsomest, best and most instructive book ever issued on a similar subject. Full of little points that bring profit. Full of true and handsome illustrations. We mail it free to any address on application.



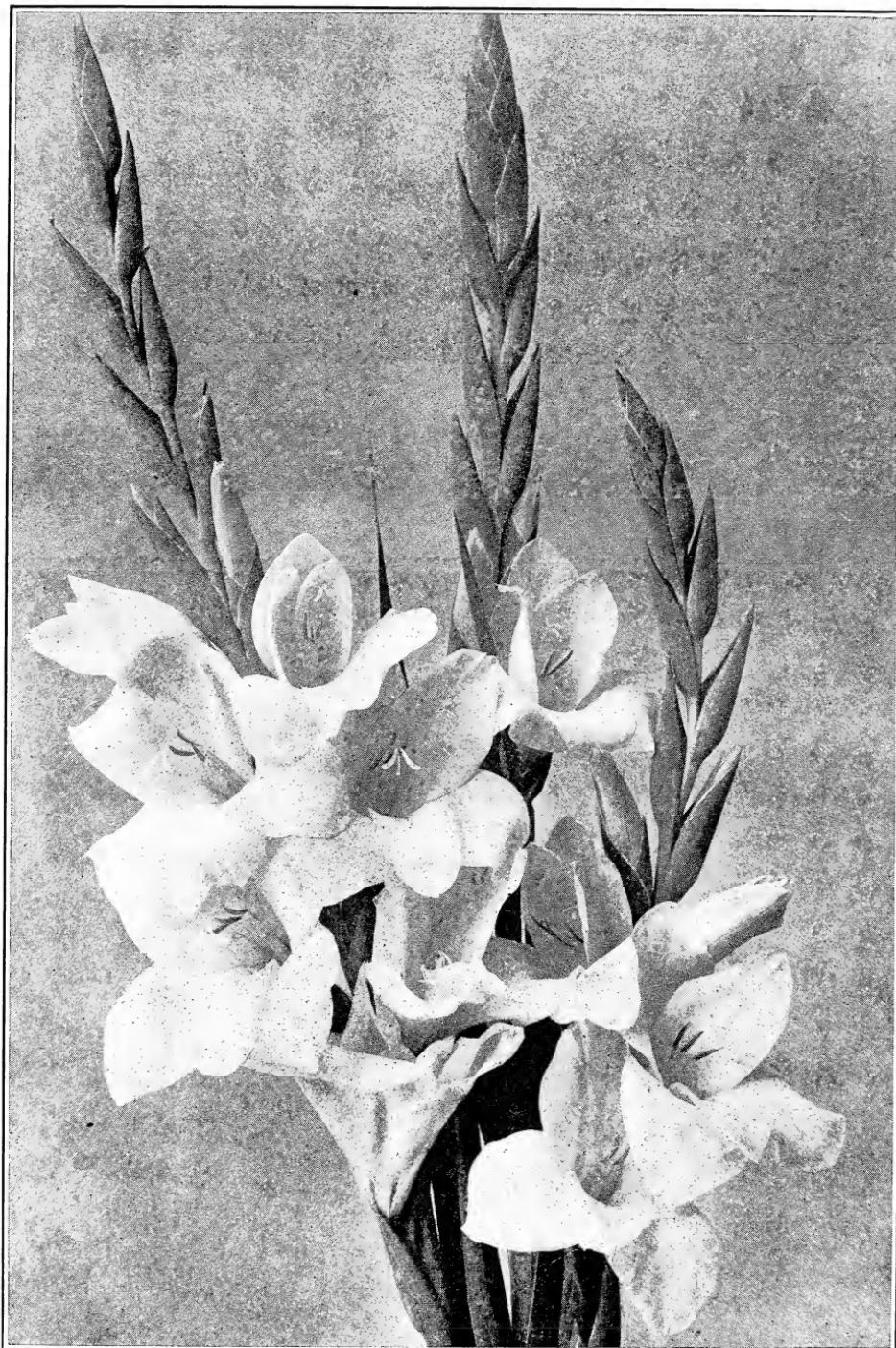
NO. 25 PLANET JR., COMBINED HILL AND DRILL SEEDER, DOUBLE AND SINGLE WHEEL HOE, CULTIVATOR AND PLOW. This new combined machine is intended for gardeners who have large enough acreage in crops for a Double Wheel Hoe to be used to good advantage, and yet prefer not to buy seeders and wheel hoes separately. Price, \$23.00.



NO. 11 PLANET JR., DOUBLE AND SINGLE WHEEL HOE, COMBINED CULTIVATOR, PLOW AND RAKE. The hoes are the most valuable of all the wheel hoe attachments; are oil tempered and polished. Use the 4-inch for 6, 10 or 12-inch rows;



No. 16 Planet Jr., Single Wheel Hoe



GROFF'S HYBRID GLADIOLUS — See Page 2.